	6	a coating disposed over at least a portion of a surface of the conical portion
	7	of the orifice,
	8	wherein the coating is a polymer disposed along an interior surface of the
	9	orifice and one of i) an Alumina, ii) $Si_3N_4$ , iii) silica, iv) a combination of 12% silica and
	10	88% Alumina, and v) a Diamond like coating (DLC) disposed along an exterior portion of
	11	the orifice.
	1	<ol> <li>(Twice Amended) A bonding tool for bonding a wire to a substrate,</li> </ol>
	2	the bonding tool having a body and a working tip coupled to one end of the body, and
	3	comprising:
_	4	an orifice extending along a longitudinal axis of the body and the working tip
D3	5	and having a conical portion adjacent the working tip; and
	6	a polymer coating disposed over at least a portion of a surface of the conical
	7	portion of the orifice,
	8	wherein the coating has a substantially uniform thickness of up to about 2.0
	9	microns.
	1	28. (Amended) A bonding tool for bonding a wire to a substrate, the
	_2	bonding tool having a body and a working tip coupled to one end of the body, and
	3	comprising:
)4	·· <b>\$</b>	
,	4	an orifice extending along a longitudinal axis of the body and the working
	5	tip and having a conical portion adjacent the working tip; and
	6	a polymer non-conductive coating disposed over at least a portion of a
	7	surface of the conical portion of the orifice.